

# FLEXTEC® 650X

MULTI-PROCESS POWER FOR HEAVY DUTY APPLICATIONS



Shown:  
K3425-1

## SIMPLE. RELIABLE. FLEXIBLE.

This multi-process welder delivers up to 815 amps of welding power for a variety of applications, including construction, shipbuilding and heavy fabrication. Embedded CrossLinc® Technology drives welding control at the arc without an added cable to save costs, increase quality and enhance productivity and safety on the job site.

The world-ready Flextec® 650X will run on a wide range of available voltage input power and is IP23 rated for outdoor operation and storage. Broad wire feeder compatibility is not an issue – The Flextec 650X will operate with almost any Lincoln Electric® wire feeder or welding process.

Simple. Reliable. Flexible. Specify the Flextec 650X for your heavy duty applications.

### Processes »

Stick, TIG, MIG, Flux-cored, Submerged Arc, Gouging

### Product Number »

K3425-1 Base Model

### Input »



### Output »



## RECOMMENDED ACCESSORIES

### General



**Work Lead Package**  
Lug to Lug, 4/0 cable with GC500 work clamp. 15 ft (4.6 m) length  
**Order**  
K2149-1



**3/0 Welding Cable**  
Lug to Lug, 3/0, 600A, 60% duty cycle, 10 ft (3.0 m)  
**Order**  
K1842-10



**Accessory Kit for Stick Welding**  
Includes 35ft (10.7m) 2/0 electrode cable with lug, 30ft (9.1m) 2/0 work cable with lugs, heatshield, filter plate, cover plate, work clamp and electrode holder. 400A capacity.  
**Order**  
K704



**Harris® Model 355 Flowmeter Regulator and Hose**  
Includes 10 ft (3.0 m) hose  
**Order**  
3100211



**Remote Output Control with 12-pin Universal Connector (25 ft/7.6 m)**  
Permits remote adjustment of output  
**Order**  
K857-2



**12-pin to 6-pin Adapter**  
Allows 6-pin remote controls (K870, K963-3, K857, K4217-1) to be used with 12-pin Universal Connection  
**Order**  
K2909-1



**Multi-Process Switch**  
Easily change welding process and polarity without changing cables at the machine.  
**Order**  
K3091-1



**Single Cylinder Inverter and Wire Feeder Cart**  
Requires K4068-1 mounting bracket for LF, Flex Feed and Power Feed Feeders. Requires locking foot kit.  
**Order**  
K3059-4



**Dual Cylinder Inverter and Wire Feeder Cart**  
Requires K4068-1 mounting bracket for LF, Flex Feed and Power Feed Feeders. Requires locking foot kit  
**Order**  
K3059-5



**Inverter Cart Mounting Bracket Kit**  
Use for mounting Flex Feed or Power Feed feeder to the K3059-4 and K3059-5 inverter carts  
**Order**  
K4068-1



**GFCI Kit**  
UL-approved 120V ground fault circuit interrupter replaces existing non-GFCI receptacle.  
**Order**  
K3157-1



**Flextec® 650 CE Filter Kit (380-575 VAC)**  
**Order**  
K3129-1



**Fume Extraction Systems**  
See E13.40



**TIG**  
**Pro-Torch™ TIG Torches - PTA-9, PTA-17, PTA-26 – 2 piece power cord**  
See Bulletin E12.150



**Wireless Foot Pedal with 6-pin Amphenol®**  
Permits remote adjustment of output. Requires K2909-1 12-pin to 6-pin adapter.  
**Order**  
K4217-1



**Foot Amptrol with 12-pin Amphenol connector (25 ft)**  
Remote current control for TIG welding  
**Order**  
K870-2



**Hand Amptrol™ Rotary Track Style, 12-pin Amphenol (25 ft)**  
Remote current control for TIG welding  
**Order**  
K963-4



**Arc Start Switch (6-pin)**  
K2909-1 12-pin to 6-pin adapter required  
**Order**  
K814



**CrossLinc Remote**  
Use with any CrossLinc-equipped Flextec welder to adjust welding setting remotely at the arc, including current for stick or TIG welding. Also compatible with some across-the-arc wire feeders such as (Activ8, LN-25, LN-25 Pro without digital meters) See Publication MC16-137  
**Order**  
K4345-1



**Wire Feeders and Guns**  
**LN-25X**  
Includes CrossLinc communication technology. Also functions as an across-the-arc feeder. See Publication E8.101  
**Order**  
K4267-1



**LN-25 PRO Dual Power**  
Includes 14 pin connection for direct connection to the power source. Also functions as an across-the-arc feeder. See Publication E8.101  
**Order**  
K2614-6



**Flex Feed® 74 HT**  
Four drive-roll, high-torque, industrial semiautomatic wire feeder for general/structural fabrication. See Publication E8.203  
**Order**  
K3883-13



**Flex Feed 84 Single Bench**  
Four drive roll feeder with heavy duty wire reel stand for general/structural fabrication. Includes memory selection. See Publication E8.205  
**Order**  
K5000-2



**Flex Feed 84 Dual Bench**  
Four drive roll feeder with heavy duty wire reel stand and contactor for general/structural fabrication. See Publication E8.205  
**Order**  
K5002-2